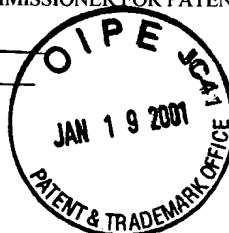


I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE INDICATED BELOW.

BY: Maitha D. Helmer



Date: January 17, 2001

**PATENT
BOX SEQUENCE**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In Re: Patent Application of : Group Art Unit 1655
David White :
Appln. No.: 09/628,495 : Examiner:
: Diana Johannsen
Filed: July 28, 2000 :
For: COMPOSITIONS, KITS, AND METHODS :
FOR PROGNOSTICATION, DIAGNOSIS :
PREVENTION, AND TREATMENT OF : Attorney Docket
BONE-RELATED DISORDERS AND : No. 210147.0039/16U1
OTHER DISORDERS : (MPI99-130P1R1)

JAN 23 2001

TECH CENTER 1600/2900

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JAN 31 2001

TECH CENTER 1600/2900

COMMUNICATION

In response to the Office Communication dated December 18, 2000 (Paper No. 4) in this application, a replacement sequence listing is being submitted with this Communication. The sequence listing has been altered in that SEQ ID NOs: 1, 3, and 5 have been identified as amino acid sequences, and SEQ ID NOs: 2, 4, and 6 have been identified as nucleotide sequences, as indicated in the specification at page 14, lines 12-32. These changes do not include new matter.

Paper and electronic copies of the replacement sequence listing, a Statement to Support Filing, and a copy of the Notice to Comply are enclosed.

Replacement of the Sequence Listing and examination of the application are requested at the earliest possible time.

Respectfully submitted,

DAVID WHITE

17 January 2001
(Date)

By: _____

GARY D. COLBY, Ph.D., J.D.

Registration No. 40,961

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103

Telephone: 215-965-1200

Direct Dial: 215-965-1285

Facsimile: 215-965-1210

E-Mail: gcolby@akingump.com

Enclosures

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE INDICATED BELOW.

BY: Martha D. Helmer



Date: January 17, 2001

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TECH CENTER 1600/2906

STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825

- (X) I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively are the same.
- (X) I hereby state that the amendments, made in accordance with 37 C.F.R. §1.825(a), included in the initial/substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at page 14. I hereby state that the substitute sheets(s) of the Sequence Listing does(do) not include new matter.

(X) I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 C.F.R. §1.825(b), is the same as the amended Sequence Listing.

Respectfully submitted,

DAVID WHITE

17 January 2001

(Date)

By:

GARY D. COLBY, Ph.D., J.D.

Registration No. 40,961

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

One Commerce Square

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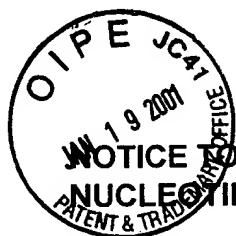
Telephone: 215-965-1200

Direct Dial: 215-965-1285

Facsimile: 215-965-1210

E-Mail: gcolby@akingump.com

Enclosures



Application No.: 09/628,495

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s)

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE